PTO/SB/01

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION . (37 CFR 1.63)

018872.00167 Attorney Docket Number

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

First Named Inventor	Gorringe, et al.							
COMPLETE IF KNOWN								
Application Number	10/575,070							
Filing Date	April 7, 2006							
Group Art Unit								
Examiner Name	·							

As a below named inventor, I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Modified Whole Cell, Cell Extract And OMV-Based Vaccines

(Title of the Invention)

the specification of which

is attached hereto OR

was filed on (MM/DD/YYYY)

04/07/2006

as United States Application Number or PCT International

Application Number

10/575,070

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application (Numbers)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
0323709.6	GB	10/09/2003	0	o •
0323709.0			O	0 0
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Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	·
		Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

	DEC	LARAT	TION - I	Jtility	or De	sign	Patent A	Applicati	on ·
hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application lesignating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not lisclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.									
	S. Parent Applicatio	n or PCT F			Pare	ent Fi	ling Date		Parent Patent Number (if applicable)
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PCT/GB20	•)/08/200				
Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.									
As a named the Patent a	l inventor, I hereby app and Trademark Office	point the fol connected the	llowing regi herewith:	stered pra	actitione	r(s) to	prosecute th	is application	n and to transact all business in
■ Custome									Place Customer Number
n Degistere	OR ad practitioner's name/	registration	number list	ed below		267	12		Bar Code Label Here
u Kegistere	Name		Registrati		 _		Name	:	Registration No.
Ranjana Ka John M. Do Martin G. I John D. Lo Robert S. P Thomas E.	el Vecchio Linihan pinski ippenger Popek		40,041 42,475 24,926 50,846 59,008 58,459 39,336	0,041 R. Kent Roberts 2,475 George L. Snyder, Jr. 4,926 Rebecca M. Stadler 0,846 Rachel S. Watt 9,008 Daniel C. Oliverio Edwin T. Bean, Jr.			Snyder, Jr. A. Stadler Watt Oliverio		40,786 37,729 56,703 46,186 33,435 16,639
David L. Pr	rincipe nal registered practitioner	named or	39,330 1 supplement	al Register	red Practi	tioner	Information s	heet PTO/SB/	02C attached hereto
	orrespondence to:	Custome			6712		OR		pondence address below
Name	Ranjana Kadle								
Address	Hodgson Russ LLP								
Address	One M&T Plaza, Sui	te 2000							T
City	Buffalo			State				14203-2391	
Country	United States	Telephon	e		56-4000			Fax	(716) 849-0349
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NAME OF	SOLE OR FIRST I	NVENTOR	:			A pet	ition has bee	n filed for th	is unsigned inventor
Given Nan							ily Name		
(first and i	middle [if any])	Andrew R.				or S	urname	Gorringe	· .
Inventor's Signature	ARO	pmha	31						Date 24 JANUARY 2007
Residence: City State					1	ountry	0001	Citizenship	
SALISBUI			WILT	SHIRE		U	NITED KIN	GDOM	UNITED KINGDOM
Mailing A	ddress .TH PROTECTION AC	CENCV D	ORTON DO	wN					•
	TH PROTECTION AC	JENCI, FO	State	, 17 1 1		Z	IP		Country
City SALISBUI	RY ·			SHIRE		1	24 0JG		UNITED KINGDOM
- Addition	SALISBURY WILTSHIRE SP4 0JG UNITED KINGDOW Additional inventors are being named on the one supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.								

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 3

☐ A petition has been filed for this unsigned inventor						
A	Fa	mily Name				
	or	· ·				
			Date 24 JANUARY 2007			
State WILTSHIRE		Citizenship UNITED KINGDOM				
RTON DOWN		·				
State		ZIP	Country			
WILTSHIRE		SP4 0JG	UNITED KINGDOM			
nal Joint Inventor, if any:						
	or Su	rname Gray-Owen				
			Date			
State		Country	Citizenship			
Ontario		Canada	Canada			
State		ZIP	Country			
Ontario		L6J 7E7	Canada			
	A peti	tion has been filed for this u	insigned inventor			
	ı	*				
	or Su	rname Boulton				
			Date			
State Country			Citizenship			
Ontario Canada			Canada			
State		ZIP	Country			
Ontario		M6K 2C8	Canada			
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Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

		OMB of	51-0032
Attorney Docket	Number (018872.00167	
		Gorringe, et al.	•
	COMPLETE	IF KNOWN	
		7.pm 7, 2000	
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Examiner Name		· · · · · · · · · · · · · · · · · · ·	
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the Invention)		· · · · ·	
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as United States Ap	plication Num	1	
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(d) or (f), or 365(b) of an ny PCT international appl	hecking the b	ox, any foreign app	lication f
gn Filing Date //DD/YYYY)	Priority lot Claimed	Certified Copy YES	Attached NO
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l States provisional appli	cation(s) listed	below.	
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	Application Num Filing Date Group Art Unit Examiner Name s stated below next to the animal application. In the Invention as United States Applied on (MM/DD/YYYY) and the above identified special to patentability as definition are available between the part application. If the patentability as definition and application. If the patentability as definition and application are available between the part application. If the patentability as definition are available between the part application. If the patentability as definition are available between the part application. If the patentability as definition are available between the part application. If the patentability as definition are available between the part application. If the patentability as definition are available between the patental application. If the patentability as definition are available between the patental application. If the patentability as definition are available between the patental application. If the patentability as definition are available between the patental application. If the patentability as definition are available between the patentability as definition are available b	First Named Inventor COMPLETE Application Number Filing Date Group Art Unit Examiner Name stated below next to their name. trinventor(s) of the subject matter which extract And OMV-Based Vaccines the Invention) as United States Application Num ded on (MM/DD/YYYY) of the above identified specification, included and the filing date part application. (d) or (f), or 365(b) of any foreign application which also identified below, by checking the bury PCT international application which also identified below, by checking the bury PCT international application having priling Date (m) Filing Date (m) Priority (m) Not Claimed (m) States provisional application(s) listed	First Named Inventor COMPLETE IF KNOWN Application Number 10/575,070 Filing Date Group Art Unit Examiner Name Stated below next to their name. Inventor(s) of the subject matter which is claimed and for extract And OMV-Based Vaccines The Invention) as United States Application Number or PCT Internated and for extract And OMV-Based Vaccines The Invention) (if a of the above identified specification, including the claims, and to patentability as defined in 37 CFR 1.56, including for exame available between the filing date of the prior application art application. (d) or (f), or 365(b) of any foreign application(s) for patent, and its or identified below, by checking the box, any foreign apply PCT international application having a filing date before the prior application for patent, and the prior application having a filing date before the prior application having a filing

Application Number(s)

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	DECLARA	TION - U	Utility or	r Desig	n Patent A	pplicatio	on .
designating to disclosed in acknowledge between the	m the benefit under 35 U.S.C. 1 the United States of America, li the prior United States or PCT e the duty to disclose informatio filing date of the prior applicati	120 of any Unisted below ar International on which is mion and the na	nited States and, insofar as application in applica	application as the subject in the man atentability CT interna	n(s), or 365(c) of ect matter of each nner provided by y as defined in 37 ational filing date	f any PCT in the of the clair the first par 7 CFR 1.56 of this apple	nternational application ms of this application is not ragraph of 35 U.S.C. 112, I which became available lication.
11.	S. Parent Application or PCT	Parent	T	Parent 1	Filing Date	F	arent Patent Number
	Number			(MM/I	DD/YYYY)		(if applicable)
PCT/GB200				08/2004	: :	<u>.</u>	
Addition	al U.S. or PCT international applic	ation numbers	are listed on	a suppleme	ental priority data s	sheet PTO/SB	1/02B attached hereto.
A c a named	inventor, I hereby appoint the f	following reg	istered pract	titioner(s)	to prosecute this	s application	and to transact all business in
the Patent at				•:		:	Place Customer Number
	OR .	-	4. 21 1	7	6712	\rightarrow	Bar Code Label Here
□ Registere	d practitioner's name/registration	on number lis	ted below	4	Name	<u> </u>	Registration No.
	Name	Registrat	uon No.				
Martin G. I John D. Lo Robert S. P Thomas E.	M. Del Vecchio in G. Linihan D. Lopinski ert S. Pippenger 42,4/5 24,926 50,846 59,008			R. Kent Roberts George L. Snyder, Jr. Rebecca M. Stadler Rachel S. Watt Daniel C. Oliverio Edwin T. Bean, Jr.			40,786 37,729 56,703 46,186 33,435 16,639
		39,336	tol Desisters	Prostition	er Information che	et PTO/SR/0	2C attached hereto
☐ Addition	nal registered practitioner(s) named		*		n		
Direct all c	or Bar	ner Number Code Label	26	712	OR	□ Соптемы — — — — — — — — — — — — — — — — — — —	oondence address below
Name	Ranjana Kadle					<u></u>	
Address	Hodgson Russ LLP					<u> </u>	
Address	One M&T Plaza, Suite 2000	<u> </u>	- Conta	No	w York	ZIP	14203-2391
City	Buffalo		State (716) 856		VI A VAR	Fax	(716) 849-0349
Country	United States Teleph		1	doe ere tro	ie and that all eta	atements ma	de on information and belief
Country United States Tetephone (15) Country (15) Co							
NAME O	F SOLE OR FIRST INVENTO	OR:			•	filed for thi	s unsigned inventor
Given Nar					amily Name	C	· •
	middle [if any]) Andrew I	R.		01	Surname	Gorringe	Date
Inventor's	8	·			· :		Date
Residence		State	e		Country		Citizenship
SALISBU		WIL	TSHIRE		UNITED KING	DOM	UNITED KINGDOM
Mailing A	ddress				. — —		
C/O HEAT	LTH PROTECTION AGENCY,	PORTON D	OWN				Court
-		State	5		ZIP	i	Country

SP4 0JG

UNITED KINGDOM

State

WILTSHIRE

City

SALISBURY

DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 3

Annual Communication of Communication (Communication)	A petition has been filed for this unsigned inventor.								
NAME OF SECOND INVENTOR:									
Given Name	Family Name								
(first and middle (if any)) Karen M.	or Surname Reddin								
Inventor's Signature	e e se entre la little de la liga (in la liga de la lig		Date						
Residence: City SALISBURY	State WILTSHIRE	Country UNITED KINGDOM	Citizenship UNITED KINGDOM						
Malling Address C/O HEALTH PROTECTION AGENCY, PORTON DOWN									
City SALISBURY	State WILTSHIRE	SP400G	Country UNITED KINGDOM						
Name of Additional Joint Inventor, if any:	A petition has been filed for this unsigned inventor								
Given Name (first and middle (if anyl) Scott D.		Camily Name or Surname: Gray-Ówcn							
Inventor ⁹ s Signature			Date						
Residence: City Oakville	State Ontario	Country Canada	Citizenship Ganada						
Mailing Address 1283 Valerie Crescent	4.	and the second s	an Da Tayan giba. Maka mana samanana san pana, masa manyak mana ya mayana sa ma						
City Oakville	State Ontario	ZIP 1.61/1E7	Country Canada						
Name of Additional Joint Inventor, if any:	a <u>j</u> ti∧	A petition has been filed for this t	nsigned inventor						
Given Name (first and middle [if any]) lan C:	· ·	Family Name or Surname Boulton							
Inventor's Signature Date 24 January 2007									
Residence: City Toronto	State.	Country Canada	Citizenship Cunada United Rundom						
Mailing Address 24 Noble Street, Suite 408	, <u>, , , , , , , , , , , , , , , , , , </u>								
	State:	ZIP	Country						
City Toronto	Ontario	M6K-2C8	Canada.						
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration Submitted with Initial Filing

OR

Declaration
 Submitted after Initial
 Filing (surcharge
 (37 CFR 1.16(e))
 required)

Attorney Docket Number	018872.00167				
First Named Inventor	Gorringe, et al.				
COMPLETE IF KNOWN					
Application Number	10/575,070				
Filing Date	April 7, 2006				
Group Art Unit					
Examiner Name					

As a below named inventor, I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Modified Whole Cell, Cell Extract And OMV-Based Vaccines									
(Title of the Invention)									
the specification of which is attached hereto OR									
■ was filed on (MM/DD/YYYY) 04/07/2006 as United States Application Number or PCT International									
Application Number	10/575,070	and	l was amended	on (MM/DD/	YYYY)		(if	applicable).	
I hereby state that I have a by any amendment specif			contents of th	e above identi	fied spec	ification, inclu	ding the claims,	as amended	
I acknowledge the duty to continuation-in-part appli- national or PCT internation	cations, material inf	formation	n which becam	e available be				tion and the	
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application (Numbers)	n Country	,	Foreign F (MM/DD			riority Claimed	Certified Copy YES	Attached? NO	
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Additional foreign app	olication numbers a	re listed	on a suppleme	ntal priority d	ata sheet	PTO/SB/02B a	ttached hereto.		
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
Application Nu	nber(s)	F	iling Date (M	M/DD/YYYY)				
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			[Page	l of 3]					

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not

acknowled		information v	vhich is n	naterial to p	atentab	ility as defined in	37 CFR 1.5	paragraph of 35 U.S.C. 112, I 6 which became available oplication.
	J.S. Parent Applicatio Numbe	n or PCT Pa			Pare	ent Filing Date		Parent Patent Number (if applicable)
PCT/GB2	004/004274			10/0	08/2004			
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	d inventor, I hereby app and Trademark Office			istered prac	titioner	(s) to prosecute th	is application	on and to transact all business in
	er Number OR ed practitioner's name/	registration n	umber lis	ted below		26712	→	Place Customer Number Bar Code Label Here
	Name		Registrat	ion No.		Name		Registration No.
John M. D. Martin G. John D. L. Robert S. 1	Ranjana Kadle 40,041 John M. Del Vecchio 42,475 Martin G. Linihan 24,926 John D. Lopinski 50,846 Robert S. Pippenger 59,008 Thomas E. Popek 58,459 David L. Principe 39,336				R. Kent Roberts 40,786 George L. Snyder, Jr. 37,729 Rebecca M. Stadler 56,703 Rachel S. Watt 46,186 Daniel C. Oliverio 33,435 Edwin T. Bean, Jr. 16,639			37,729 56,703 46,186 33,435
	onal registered practitioner	r(s) named on s	upplement	tal Registered	d Practit	ioner Information sl	neet PTO/SB/	02C attached hereto
Direct all	correspondence to:	Customer N or Bar Cod		26'	712	OR	□ Corres	pondence address below
Name	Ranjana Kadle			V		-	• •	
Address	Hodgson Russ LLP							
Address	One M&T Plaza, Suit	te 2000					•	
City	Buffalo	•		State	e New York ZIP		ZIP	14203-2391
Country	United States	Telephone		(716) 856	-4000		Fax	(716) 849-0349
are believe made are p	ed to be true; and furthe	r that these sta prisonment, o	ntements or both, u	were made	with th S.C. 100	e knowledge that 11 and that such w	willful false illful false s	ade on information and belief statements and the like so tatements may jeopardize the is unsigned inventor
	F SOLE OR FIRST IN	VENTOR:				-	· ·	is disigned inventor
Given Na						Family Name		
·		Andrew R.				or Surname	Gorringe	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature						.•		Date
Residence: City State					Country		Citizenship	
				SHIRE	٠	UNITED KING	DOM	UNITED KINGDOM
Mailing A	ddress LTH PROTECTION AC	GENCY, POR	TON DO	OWN				
City			State			ZIP	•	Country
SALISBU	RY		WILT	WILTSHIRE		SP4 0JG		UNITED KINGDOM

[Page 2 of 3]

Additional inventors are being named on the one supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet

Page 3 of 3

	☐ A petition has been filed for this unsigned inventor								
NAME OF SECOND INVENTOR:									
Given Name	ily Name								
(first and middle [if any]) Karen M.	ırname Reddin								
Inventor's				Date					
Signature									
Residence: City	State		Country	Citizenship					
SALISBURY	WILTSHIRE	JU	UNITED KINGDOM	UNITED KINGDOM					
Mailing Address									
C/O HEALTH PROTECTION AGENCY, POR	T-1.								
City	State	1 -	ZIP	Country					
SALISBURY	WILTSHIRE	S	SP4 0JG	UNITED KINGDOM					
Name of Additional Joint Inventor, if any:	A petition has been filed for this unsigned inventor								
Given Name		Family l							
(first and middle [if any]) Scott D	•	or Surns	ame Gray-Owen						
Inventor's				Date					
Signature				24 January 2007					
Residence: City	State	(Country	Citizenship					
Oakville	Ontario		Canada	Canada .					
Mailing Address		•							
1283 Valerie Crescent	·								
City	State		ZIP	Country					
Oakville	Ontario	L	L6J 7E7	Canada ·					
Name of Additional Joint Inventor, if any:	٥	A petition has been filed for this unsigned inventor							
Given Name		Family l	Name						
(first and middle [if any]) Ian C.	1.	or Surna	ame Boulton						
Inventor's				Date					
Signature									
Residence: City	State	(Country	Citizenship					
Toronto	Ontario	(Canada	Canada					
Mailing Address									
24 Noble Street, Suite 408									
City .	State	7	ZIP	Country					
Toronto	Ontario	N	M6K 2C8	Canada					